

317 Elm Street Milford, NH 03055

(603) 673-5440 Fax (603) 673-0366 Sales@chemservelab.com

Tuesday, June 26, 2012

Tom Givetz
New Hampshire Fish and Game Powder Mill
288 Merrymeeting Road
New Durham
NH
03855

Project Name: Powder Mill Hatchery Lab ID: 12060180

Project #: N/A Date Received: 6/15/2012

Project Location: New Durham, NH

Control #: 90688

Dear Tom Givetz

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on "as received" weight unless denoted "dry".

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe's certified parameter list can be found at http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx

Jay Chrystal - President/Laboratory Director





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New Hampshire Fish and Game Powder Mill

Tom Givetz Control #:

90688

12060180 6/26/2012

288 Merrymeeting Road

Project Number: N/A

Project Name:

Powder Mill Hatchery

New Durham NH 03855

Project Location: New Durham, NH

Lab ID: 12060180

Lab ID:

Date:

Sample Receiving and Comment Summary

Were samples submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling if required?	Yes
Were samples for volatile organic analysis free of headspace (per method)?	N/A
Was the cooler temperature recorded if applicable?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
Were samples for dissolved metals already filtered by the client or field sampling?	N/A

Sample	Method	Client Identity	Matrix	Analyst
12060180-001	EPA 200.7	001 N.D	Wastewater	CharleneF

Comment: no comment

^{*} Blank comment sections denote "No Comment"



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Analytical Results

12060180

6/26/2012

Lab ID:

Date:

New Hampshire Fish and Game Powder Mill

Tom Givetz Control #: 90688
288 Merrymeeting Road Project Number: N/A

New Durham NH 03855 Project Name: Powder Mill Hatchery

Project Location: New Durham, NH

Sample Method		Client Sam	ple Identity				Units	Matrix	Analyst
12060180-001 EPA	200.7	001 N.D			·			Wastewater	Charlene
Start Date/Time Sar	mpled: 6	5/14/2012 7:52:00 AM	Composit	e End Date/Time:	6/15/	2012 7:	52:00 AM		
							Date/Time	e Dilution	
Parameter		CAS Number	er	Result	(Qualifier	Analyzed	l Factor	RDL
Hot Plate Digestion							6/19/2012	1	0
Phosphorous-P Tota	ıl	7723-14-0		0.02 mg/L			6/25/2012	1	0.01
Sample Meti	hod	Client Sam	ple Identity				Units	Matrix	Analyst
12060180-001 EPA	300.0	001 N.D			•		mg/L	Wastewater	MichelleC
Start Date/Time Sar	mpled: 6	5/14/2012 7:52:00 AM	Composit	e End Date/Time:	6/15/	2012 7:	52:00 AM		
					,	Qualifier	Date/Time		
Parameter		CAS Number	er	Result	`	auaiii ici	Analyzed		RDL
Nitrate				< 1 mg/L			6/15/2012 4:31:0	0 PM 1	1
Sample Meti	hod	Client Sam	ple Identity				Units	Matrix	Analyst
12060180-001 In H	ouse	001 N.D			'		mg/L	Wastewater	LauraB
Start Date/Time Sar	mpled: 6	5/14/2012 7:52:00 AM	Composite	e End Date/Time:	6/15/	2012 7:	52:00 AM		
					,	Qualifier	Date/Time		
Parameter		CAS Number	er	Result	`	auaiii ici	Analyzed		RDL
Total Nitrogen				< 1 mg/L			6/25/2012	1	1
Sample Metl	hod	Client Sam	ple Identity				Units	Matrix	Analyst
12060180-001 SM	2540D	001 N.D					mg/L	Wastewater	LauraB
Start Date/Time Sar	mpled: 6	5/14/2012 7:52:00 AM	Composit	e End Date/Time:	6/15/	2012 7:	52:00 AM		
					,	Qualifier	Date/Time		
Parameter		CAS Number	er	Result	,	audiii ici	Analyzed	l Factor	RDL
Total Suspended So	lids			< 2 mg/L			6/19/2012	0.5	2
Sample Meti	hod	Client Sam	ple Identity				Units	Matrix	Analyst
12060180-001 SM	4500-NH3-C	001 N.D					mg/L	Wastewater	LauraB
Start Date/Time Sar	mpled: 6	5/14/2012 7:52:00 AM	Composit	e End Date/Time:	6/15/	2012 7:	52:00 AM		
Parameter		CAS Numbe	ar.	Result	(Qualifier	Date/Time		RDL
		CAS Numbe	71	r.esuit			•		
Ammonia-N				< 0.2 mg/L			6/19/2012	1	0.2



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Sample	Method	Client Sample Ider	ntity		Units	Matrix	Analyst
12060180-001	SM 5210B	001 N.D			mg/L	Wastewater	VickiP
Start Date/Tin	ne Sampled:	6/14/2012 7:52:00 AM Comp	osite End Date/Time:	6/15/2012 7	:52:00 AM		
				0	Date/Time	Dilution	
Parameter		CAS Number	Result	Qualifier	Analyzed		RD
BOD			1.39 mg/L		6/15/2012 1:30:00	O PM 1	
Sample	Method	Client Sample Ider	ntity		Units	Matrix	Analyst
12060180-001	SM4500-Nor	g/NH3-B 001 N.D			mg/L	Wastewater	LauraB
Start Date/Tin	ne Sampled:	6/14/2012 7:52:00 AM Comp	osite End Date/Time:	6/15/2012 7	:52:00 AM		
Parameter		CAS Number	Result	Qualifier	Date/Time Analyzed		RD
Kjeldahl-N		5228003-90-0	< 0.5 mg/L		6/25/2012	1	0.
Tyolaani 14						'	0.
Sample	Method	Client Sample Ider	ntity		Units	Matrix	Analyst
12060180-002	EPA 200.7	002 Lower Set				Wastewater	Charlen
Start Date/Tin	ne Sampled:	6/14/2012 7:45:00 AM Comp	osite End Date/Time:	6/15/2012 7	:45:00 AM		
				Qualifier	Date/Time		
Parameter		CAS Number	Result	Qualifier	Analyzed		RD
Hot Plate Dige					6/19/2012	1	
Phosphorous-	P Total	7723-14-0	0.03 mg/L		6/25/2012	1	0.0
Sample	Method	Client Sample Ider	ntity		Units	Matrix	Analyst
12060180-002	EPA 300.0	002 Lower Set			mg/L	Wastewater	Michelle
Start Date/Tin	ne Sampled:	6/14/2012 7:45:00 AM Comp	osite End Date/Time:	6/15/2012 7	:45:00 AM		
		0.40.11	5	Qualifier	Date/Time		
Parameter		CAS Number	Result	- Cadamio	Analyzed		RD
Nitrate			< 1 mg/L		6/15/2012 4:31:00	D PM 1	
Sample	Method	Client Sample Ider	ntity		Units	Matrix	Analyst
12060180-002	In House	002 Lower Set			mg/L	Wastewater	LauraB
Start Date/Tin	ne Sampled:	6/14/2012 7:45:00 AM	osite End Date/Time:	6/15/2012 7	:45:00 AM		
		0.00 11	5 "	Qualifier	Date/Time		
Parameter		CAS Number	Result		Analyzed 6/25/2012		RD
Total Nitrogen			< 1 mg/L		0/25/2012	1	
Sample	Method	Client Sample Ider	ntity		Units	Matrix	Analyst
12060180-002	SM 2540D	002 Lower Set			mg/L	Wastewater	LauraB
Start Date/Tin	ne Sampled:	6/14/2012 7:45:00 AM	osite End Date/Time:	6/15/2012 7	:45:00 AM		
				Qualifier	Date/Time		
_							
Parameter Total Suspend		CAS Number	$\begin{array}{c} \text{Result} \\ < 2 \text{ mg/L} \end{array}$	Quainier	Analyzed 6/19/2012	Factor 0.5	RD



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Sample Method	Client Samp	ple Identity		Units	Matrix	Analyst	
12060180-002 SM 4500-	NH3-C 002 Lower S	Set		mg/L	Wastewater	LauraB	
Start Date/Time Sampled	d: 6/14/2012 7:45:00 AM	Composite End Date/Time:	6/15/2	2012 7:4	15:00 AM		
Parameter	CAS Numbe	er Result	c	tualifier	Date/Time		RD
Ammonia-N		< 0.2 mg/L			6/19/2012	1	0.
Sample Method	Client Sam	ple Identity			Units	Matrix	Analyst
12060180-002 SM 5210E			_		mg/L	Wastewater	VickiP
Start Date/Time Sampled	d: 6/14/2012 7:45:00 AM	Composite End Date/Time:	6/15/2	2012 7:4	15:00 AM		
Parameter	CAS Numbe	er Result	c	tualifier	Date/Time Analyzed		
	CAS Numbe	er Result 1.49 mg/L	C	tualifier		Factor	
BOD	CAS Numbe	1.49 mg/L	c		Analyzed	Factor	RD Analyst
BOD Sample Method		1.49 mg/L	<u> </u>		Analyzed 6/15/2012 1:30:00	Factor	RD
Sample Method 12060180-002 SM4500-N	Client Samp Norg/NH3-B 002 Lower S	1.49 mg/L		ı	Analyzed 6/15/2012 1:30:00 Units	Factor PM 1 Matrix	RD Analyst
	Client Samp Norg/NH3-B 002 Lower S	1.49 mg/L ple Identity Set Composite End Date/Time:	6/15/2	ı	Analyzed 6/15/2012 1:30:00 Units mg/L	Factor PM 1 Matrix Wastewater Dilution	Analyst LauraB

Qualifier:	Description:
B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">"the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
TNTC-	Too numerous to count.
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.

Chain of Custody No. 90688 Multiple COC's Yes (No.)



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RELINQUISHED: RECEIVED FOR LAB:	RECEIVED:	(M) CUSTODY SAMPLER: Themas Cive? SIGNATURE: (2)				002 10mer Sxt 61	002 Jower Set 61		001 - N.D.	001 - N.D. 61	STA (S)	SAMPLE IDENTIFICATION & LOCATION (E)	P.O. NUMBER:	REPORT TO:	TELEPHONE: 603 - 271 - 1744	CITY/STATE/ZIP COncord N.H 037	ADDRESS: // HAZEN DC	CUSTOMER: N. H. Fish + Game
DATE 1 TIME GROUP # (2000)80	SAMPLES WERE FILTERED IN FIELD	HECK LIST: THIN HOLD TIME (VES	DATE TIME	DATE TIME	DATE	174/A 7:45- V (L)	\$	TIME	نز	6/14/12 7:53- V (1)	GRACOMBINED (C) HAZARD (H) O O O O O O O O O O O O O	AMPLE	QUOTE NUMBER:	CONTACT: Tom Give+2 (CAS IN	TELEPHONE: 603 859-2041	LOCATION: New Duchan N. H.	JOB NUMBER:	JOBNAME: Ponder M. 11 Hatchery
0 6/29	LAB NA	FIELD READING(S) & COMMENTS: or no				8 27 , TS S	T. D. tosen for take	Pag	(CD) 75 S	Tim began nitrake	(D) ANALYSIS				MCP ☐ YES ☐ GWI ☐ GW3	RUSH T.A.T. (CHECK w/LAB)	STANDARD RUSH	TURNAROUND TIME: (CIRCLE ONE:)